



2814

Paper #15/C(18)  
in wrong 11/1/01  
case Hayes  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Trung T. Doan

Serial No.: 09/506,204

Filed: February 17, 2000

For: CONTACT/VIA FORCE FILL  
TECHNIQUES AND RESULTING  
STRUCTURES

Examiner: T. Quach


Group Art Unit: 2814

Attorney Docket No.: 3025.1US (95-1003.1)

CERTIFICATE OF MAILING

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JoAnn Bawden  
Typed/printed name of person whose signature is contained above

RESPONSE

Box Non Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed July 31, 2001, Applicant responds to the Office Action as follows:

IN THE CLAIMS:

Please note that all claims currently pending and under consideration in the referenced application are shown below, in clean form, for clarity.

1. (Twice amended) A semiconductor device structure having a void-free, homogeneous aluminum alloy material within contact holes in an insulating layer, in direct contact with a

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2814

## PATENT

Attorney Docket No. 3025,1US (95-1003,1)

**CERTIFICATE OF MAILING (under 37 C.F.R. § 1.10 if checked)**

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October 8, 2001

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: T. Ouach

Group Art Unit No.: 2814

Applicant(s): Trung T. Doan

Filing date: February 17, 2000

Serial No.: 09/506.204

For (title): CONTACT/VIA FORCE FILL TECHNIQUES AND  
RESULTING STRUCTURES

## COMMUNICATION TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed for filing in connection with the above-identified patent application, and submitted in the order listed, are:

- ☒ Postcard receipt acknowledgment (attached to the front of this transmittal).
- ☒ Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16. Any such fees may be charged to deposit account no. 20-1469.
- ☐ Check no. in the amount of \$ for the presentation of extra claims as calculated in the remarks section below.
- ☐ Preliminary amendment.
- ☒ Amendment or other communication in response to the non-final office action mailed July 31, 2001.
- ☐ Amendment or other communication under 37 C.F.R. § 1.116 in response to the final office action mailed .
- ☐ Petition for Extension of Time in duplicate with check no. in the amount of \$.
- ☐ Verified statement(s) to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27 signed by (or on behalf of) .
- ☐ Information disclosure statement and information disclosure citation form PTO-1449 with copies of listed documents.

## Remarks:

- ☒ An amendment has been made involving one or more claims in the application. The calculation to determine whether any additional fee is due is presented below.

	1	2	3	\$EXTRA
Total claims	-	=	x 18.00 =	
Indep. claims	-	=	x 84.00 =	
First presentation of a multiple dep. claim (+280.00)				
SUBTOTAL				
Reduction for small entity - 50% of subtotal*				
TOTAL ADDITIONAL FEE (subtotal minus any reduction)				

\*Verified statement(s) must be attached to support this reduction if small entity status has not been previously established.

- 1 Claims remaining after amendment.

- ☒ The commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to deposit account no. 20-1469 during the entire pendency of this application.

Respectfully submitted,

Edgar R. Cataxinos  
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TRASK BRITT  
P.O. Box 2550  
Salt Lake City, UT 84110-2550  
(801) 532-1922

Date: October 8, 2001

Enclosures: As identified above